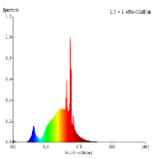
	Light Source Technical DataSheet
EAN	3276007964202
Supplier's name or trade mark	INSPIRE
Date of placement on the market (YYYY-MM-DD)	2026-06-30
Light sources maker model	**GU102527ALN**
EPREL Registration number	0
Link to EU Product Data base	https://eprel.ec.europa.eu/screen/product/lightsources/0
Lighting technology used	LED
Non-directional (NDLS) or directional (DLS)	DLS
Light source cap-type	GU10
Mains (MLS) or non-mains (NMLS)	MLS
Connected light source (CLS)	No
Colour-tuneable light source	No
High luminance light source	No
Anti-glare shield	No
Dimmable	no
Energy consumption in on-mode (kWh/1000h)	3
Useful luminous flux (lm)	450
Beam angle correspondence (degrees)	120
Energy Efficiency Class	A
Correlated colour temperature type (K)	single value
Correlated colour temperature (K)	2700
On-mode power (W)	2.5
Standby power (W)	0.00
Colour rendering index	80
Min Colour rendering index	80
Max Colour rendering index	80
Outer dimensions (Height) (millimetre)	53
Outer dimensions (Width) (millimetre)	50
Outer dimensions (Depth) (millimetre)	50
Spectral power distribution in the range 250 nm to 800 nm. at full-load	
Spectral power distribution (picture name)	Spectral Power Distribution - GU102527ALN.jpg
Claim of equivalent power	Yes
Equivalent power (W)	50
Chromaticity coordinate (x)	0.463
Chromaticity coordinate (y)	0.420
Peak luminous intensity (cd)	250
Beam angle (degree)	100
MIN - Beam angle (degree)	
MAX - Beam angle (degree)	
R9 Colour rendering index	0
Survival factor	0.90
Lumen maintenance factor	0.96
Indicative Lifetime L70B50	50000
Displacement factor	
Colour consistency in McAdam ellipses	6
Flicker metric	0.1
Stroboscopic effect metric	0.1
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage	NO

